



National Weather Service

Storm Data and Unusual Weather Phenomena



April 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

WISCONSIN, Southeast

Lafayette County

Gratiot **05** **1625CST** **0** **0** **100K** **Thunderstorm Wind**

Powerful thunderstorm winds ripped the roof off a building, and flattened 2 farm sheds just northeast of Gratiot.

Lafayette County

Darlington **05** **1640CST** **0** **0** **400K** **Thunderstorm Wind**

Powerful thunderstorm winds ripped off the roof of the Darlington Municipal building, damaged a couple roofs of nearby homes, and flattened two farm sheds 4 miles south of Darlington.

Iowa County

1 N Linden **05** **1700CST** **0** **0** **30K** **Thunderstorm Wind**

Intense thunderstorm winds pushed over 12 powerlines just north of Linden.

Rock County

Beloit **05** **1707CST** **0** **0** **65K** **Thunderstorm Wind**

Powerful thunderstorm winds tore several facids off buildings, and toppled large trees and power lines in and near Beloit. Other nearby rural areas also had large trees blown over.

Green County

**1 N Browntown to
3 N Browntown** **05** **1710CST** **0** **0** **35K** **Thunderstorm Wind**

Powerful thunderstorm winds damaged roof sections on farm sheds on 4 adjacent farms, as well as peeled some siding on the homes. Large trees were also leveled.

Rock County

Janesville **05** **1715CST** **0** **0** **5K** **Thunderstorm Wind**

Intense thunderstorm winds toppled large trees in and around the city of Janesville.

Iowa County

3 W Arena **05** **1720CST** **0** **0** **5K** **Thunderstorm Wind**

Intense thunderstorm winds pushed over large trees west of the village of Arena.

Walworth County

Walworth **05** **1721CST** **0** **0** **10K** **Thunderstorm Wind**

Powerful thunderstorm winds toppled large trees and power lines in and near the village of Walworth.

Sauk County

Spring Green **05** **1722CST** **0** **0** **80K** **Thunderstorm Wind**

Powerful thunderstorm winds raked the Spring Green area. Large trees were toppled, shingles and siding were torn off some homes, and a nearby old barn was pushed completely off its foundation. Road signs were also damaged.

Walworth County

2 SSW Whitewater **05** **1725CST** **0** **0** **5K** **Thunderstorm Wind**

Intense thunderstorm winds knocked over large trees south/southwest of Whitewater.

Dane County

Verona **05** **1725CST** **0** **0** **7K** **Thunderstorm Wind (G50)**

Powerful thunderstorm winds, measured at 58 mph by a local HAM, pushed over several large trees in Verona.

Green County

Brodhead **05** **1725CST** **0** **0** **5K** **Thunderstorm Wind**

Powerful thunderstorm winds blew over large trees in and near Brodhead.

Walworth County

Allen Grove **05** **1726CST** **0** **0** **5K** **Thunderstorm Wind**

Intense thunderstorm winds toppled large trees in and around the village of Allen Grove.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed Injured	Estimated Damage Property Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--	---------------------------------------	--------------------

WISCONSIN, Southeast

Jefferson County

1 S Hebron **05** **1730CST** **0** **0** **100K** **Thunderstorm Wind**
Powerful thunderstorm winds tore two-thirds of a pole barn's roof off, and blew an unused garage door into the side of the barn.

Rock County

Johnstown **05** **1730CST** **0** **0** **5K** **Thunderstorm Wind**
Intense thunderstorm winds toppled large trees in and near Johnstown.

Dane County

Sun Prairie **05** **1735CST** **0** **0** **8K** **Thunderstorm Wind**
Powerful thunderstorm winds blew over large trees in and near Sun Prairie.

Dane County

Stoughton **05** **1740CST** **0** **0** **15K** **Thunderstorm Wind**
Intense thunderstorm winds toppled large trees and powerlines in Stoughton.

Columbia County

Lodi **05** **1752CST** **0** **0** **8K** **Thunderstorm Wind**
Powerful thunderstorm winds leveled large trees in and near Lodi

Columbia County

3 W Columbus **05** **1800CST** **0** **0** **13K** **Thunderstorm Wind**
Intense thunderstorm winds toppled large trees, one which fell on an automobile. Some of the trees block local roads for a while.

Racine County

3 NE Waterford **05** **1802CST** **0** **0** **15K** **Thunderstorm Wind**
Powerful thunderstorm winds toppled large trees and powerlines in the rural area northeast of Waterford.

Green Lake County

Marquette **05** **1810CST** **0** **0** **7K** **Thunderstorm Wind (G52)**
Emergency Management reported large trees blown over due to intense thunderstorm winds measured at 60 mph

Dodge County

Beaver Dam **05** **1813CST** **0** **0** **35K** **Thunderstorm Wind (G51)**
Powerful thunderstorm winds toppled large trees and powerlines in and near Beaver Dam. Just south of Beaver Dam, this same thunderstorm tore a steel door and part of a road off a farm shed.

Waukesha County

Mukwonago **05** **1815CST** **0** **0** **12K** **Thunderstorm Wind**
Powerful thunderstorm winds pushed over large trees and powerlines in and near Mukwonago.

Marquette County

Montello **05** **1815CST** **0** **0** **5K** **Thunderstorm Wind**
Intense thunderstorm winds toppled large trees in and near the city of Montello

Green Lake County

Berlin **05** **1825CST** **0** **0** **Hail (0.75)**

Washington County

West Bend **05** **1830CST** **0** **0** **9K** **Thunderstorm Wind**
Powerful thunderstorm winds toppled large trees in and around West Bend.

WIZ056

Sauk

06 **0600CST**
2000CST **0** **0** **16K** **High Wind**

Strong gradient winds were enhanced in areas of snow showers (transfer of higher level momentum downward to the surface due to mixing), resulting in scattered reports of high winds and damage. A storage metal building was damaged in Baraboo. A tree fell on top of a camper vehicle in Lake Delton. Felled trees briefly blocked roads in Reedsburg. In Spring Green, home gutters were torn



National Weather Service

Storm Data and Unusual Weather Phenomena



April 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

WISCONSIN, Southeast

down, and road and advertizing signs were destroyed. Over in Merrimac, there was roof and soffet damage on a home. Elsewhere, there were scattered reports of large trees pushed over by the high winds whose gusts were estimated in the range of 60 to 70 mph.

WIZ064

Jefferson

06	0830CST 2000CST	0	0	100K	High Wind (G63)
----	--------------------	---	---	------	-----------------

Strong gradient winds, enhanced by higher gusts associated with snow showers, resulted in periods of high winds across the county. Wind damage was noted across different parts of the county. The high winds were estimated to be gusting in the 60 to 75 mph range. At the Watertown Airport, a peak gust of 73 mph was clocked at 1250 CST. The NWS Forecast Office near Sullivan had a measured gust of 63 mph at 1700 CST. At the Palmyra Airport around 1400 CST, the high winds completely demolished two hangers under construction, and damaged 3 others. An airplane and pickup truck at this airport were also damaged by flying debris. The Fort Atkinson area was periodically raked by the high winds which blew over large trees, some which damaged nearby homes. It was the same story in and around the city of Jefferson where large trees were toppled, and some damage was noted to TV antennas and business signs. Many other communities in this county also reported large trees blown down.

WIZ068

Green

06	0900CST 2100CST	0	0	80K	High Wind (G56)
----	--------------------	---	---	-----	-----------------

Strong gradient winds were enhanced in scattered snow showers, resulting in scattered pockets of high winds and damage. At 1257 CST a 64 mph wind gust was recorded in Monroe. In Monroe, a chimney was knocked over, and there was stop sign damage. Across the entire county there were scattered reports of trees pushed over. About 1 mile east of Jordon Center the high winds knocked over corn cribs, and damaged a barn and silo.

WIZ067

Lafayette

06	0900CST 2000CST	0	1	75K	High Wind
----	--------------------	---	---	-----	-----------

Strong gradient winds, enhanced by scattered snow showers, resulted in high winds which forced the collapse of a barn 1.5 miles southeast of South Wayne. Several of the milk cows inside the barn were killed, and 20 of them were trapped. The high winds also flipped over a pickup truck pulling a hay wagon about 3 miles northeast of Darlington. The driver was seriously injured in the rollover and was hospitalized. Elsewhere, the high winds blew over large trees in scattered parts of the county.

WIZ063

Dane

06	0900CST 2100CST	1	0	120K	High Wind (G62)
----	--------------------	---	---	------	-----------------

Strong gradient winds, enhanced by scattered snow showers (transfer of higher level momentum downward to surface by mixing), resulted in scattered damage reports. In Sun Prairie, the high winds, measured at 66 mph, blew open a glass door in a restaurant. The glass debris struck and injured an elderly women, who died from the injuries the next day. The Madison TV-3 weather station recorded a peak wind gust of 71 mph at 1715 CST. In the civil Town of Dane, a gust of 61 mph was noted. Southeast of Mount Horeb, the high winds forced the collapse of a barn. A camper vehicle was tipped over on by the powerful winds on Highway 113. The high winds also toppled large trees in scattered areas across the entire county. One tree in Monona fell against a home and damaged its siding and windows. Power outages were noted. People described the wind-driven debris as "missles flying through the air." F800T

WIZ069

Rock

06	0900CST 2000CST	0	0	250K	High Wind
----	--------------------	---	---	------	-----------

Strong gradient winds, enhanced by gusts generated in snow showers, resulted in periods of high winds across the county. Damage was scattered throughout the county. In Beloit, the powerful winds blew off part of a tennis center's roof (Loves Park), and flipped part of a home's roof onto a nearby pickup truck. On the east side of Janesville, the high winds peeled off a building's roof sheets around 1400 CST. Southwest of Janesville, the winds tore off a church's roof. In and around Janesville, there were scores of road signs damaged or twisted. In Clinton, the wind toppled trees, billboard signs, and mailboxes; besides tearing off pieces of a home's



National Weather Service

Storm Data and Unusual Weather Phenomena



April 1997

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
----------	------	----------------------------	---------------------------	--------------------------	--------------------------------	---------------------------------	---------------------------------	------------------------------	--------------------

WISCONSIN, Southeast

roof. Over in Edgerton, missiles of metal broke some windows, and large trees were pushed over. Scattered over the remainder of the county there were reports of trees knocked over, roof shingles and siding ripped off homes, as well as some shed and barn damage. Wind gusts were estimated in the 60 to 75 mph range.

WIZ058

Dodge

06	0900CST	0	0	100K	High Wind (G71)
	2000CST				

Strong gradient winds, enhanced by gusts associated with snow showers, resulted in periods of high winds across Dodge county. A peak wind gust of 82 mph was measured near Resseville at 1730 CST. Throughout the county there were reports of large trees, power lines, road signs, and stop signs blown over by the high winds. There were also reports of roof shingles and shed doors being ripped off of buildings. In Hustiford, and metal shed was blown down, and there were a couple reports of old barns being demolished by the winds.

WIZ059

Washington

06	0900CST	0	0	50K	High Wind (G62)
	2000CST				

Strong gradient winds, enhanced by gusts associated with snow showers, resulted in periodic high winds across Washington county. A peak wind gust of 71 mph was measured in the late afternoon at the UW campus in West Bend. Throughout the county there were reports of downed trees, and power lines. In West Bend, a tree fell on and damaged a van, and somewhere else in the city a metal pole shed was destroyed by the winds. In Hartford, the high winds toppled a large tree which then damaged a car.

WIZ051

Fond Du Lac

06	0900CST	0	0	80K	High Wind
	2000CST				

Strong gradient winds, enhanced by higher gusts associated with snow showers, resulted in periodic reports of downed trees and power lines through the county. The peak gusts were estimated to be in the 60 to 75 mph range. A gust of 61 mph was measured in Fond du Lac at 0909 CST. The high winds tore metal roof pieces off a barn on Highway 45 east of Eden. Elsewhere across the county there were numerous reports of road signs, billboards, and mailboxes damaged directly by the high wind gusts or flying debris.

WIZ065

Waukesha

06	0900CST	0	0	180K	High Wind (G65)
	2359CST				

Strong gradient winds, enhanced by higher gusts associated with snow showers, periodically resulted in damage reports across Waukesha county. Throughout the county, large trees and powerlines were pushed over. At one point in time, nearly half of the county was without electrical service. A peak wind speed of 75 mph was measured in Big Bend around 1700 CST. At the Waukesha Airport, 5 hanger doors were damaged by the winds. Overhead garage doors were torn off on the UW-Waukesha Tech campus. In Elm Grove a fallen tree damaged a car. In Hartland, a fallen tree damaged a garage door. In Brookfield, a skylight window was damaged by a toppled tree. Over in New Berlin, a home's chimney was damaged by the winds, and a nearby church's roof was partially peeled off.

WIZ052

Sheboygan

06	1000CST	0	0	25K	High Wind
	2000CST				

Strong gradient winds, enhanced by gusts associated with snow showers, resulted in periodic reports of downed trees and power lines throughout Sheboygan county. The winds were estimated to be in the 60 to 70 mph range. A gust of 62 mph was measured in Sheboygan.

WIZ070

Walworth

06	1000CST	0	0	120K	High Wind (G70)
	2100CST				

Strong gradient winds, enhanced by higher gusts associated with rain and snow showers, resulted in periodic reports of wind damage throughout Walworth county. A peak gust of 80 mph was measured in Lake Geneva. Throughout the county there were reports of toppled trees and powerlines, and missing roof shingles. In East Troy a construction trailer was blown away, and a tree fell through



National Weather Service

Storm Data and Unusual Weather Phenomena



April 1997

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

WISCONSIN, Southeast

a home, causing major damage. Near Delavan, the high winds tore off a barn's roof. In Bloomfield the winds peeled off a small school's roof.

WIZ066

Milwaukee

06	1000CST	0	0	300K	High Wind
	2359CST				

Strong gradient winds, enhanced by higher gusts associated with scattered rain and snow showers, periodically resulted in wind damage reports across Milwaukee county. The wind gust were estimated in the 60 to 65 mph range. Throughout the county, hundreds of trees and some powerlines were toppled by the high winds. At the Milwaukee County Stadium, a partially built roof section was blown off into the parking lot. In northern Milwaukee, a new home under construction was completely destroyed by the high winds. In West Allis, a portion of a Credit Union's roof was torn off and thrown into traffic. In Whitefish Bay, a toppled tree fell against a home, damaging its siding and awning. In Greenfield, shingles were peeled off a building, a police car's windows were blown in, traffic lights were damaged, and a willow tree fell against a home. Elsewhere, the high winds tore roofing material off a building onto the freeway.

WIZ060

Ozaukee

06	1000CST	0	0	250K	High Wind
	2359CST				

Strong gradient winds, enhanced by higher wind gusts associated with scattered rain and snow showers, periodically resulted in wind damage reports across Ozaukee county. The peak wind gusts were estimated in the 60 to 70 mph range. Across the county, the high winds toppled hundreds of large trees, blew over many power lines, ripped off roof shingles, twisted road signs, damaged street lights, bent basketball poles, damaged roof canopies, and blew in garage doors. The hardest hit areas were in Thiensville, Grafton, Cedarburg, Port Washington, and Mequon.

WIZ071

Racine

06	1100CST	0	0	0.10K	High Wind
	2359CST				

Strong gradient winds, enhanced by higher gusts associated with scattered rain and snow showers, periodically resulted in wind damage across Racine county. The wind gusts were estimated to be in the 60 to 75 mph range. Throughout the county there were reports of toppled trees and some power lines. In Waterford, the high winds tore off part of a home's roof. In Racine, several cars were damaged by fallen trees around 1300 CST. Near the intersection of Highway 50 and Interstate 94, a construction companies portable office was knocked off its moorings. Southwest of Yorkville, several power poles were snapped at their base by the high winds (trees did not do this).

WIZ072

Kenosha

06	1100CST	0	2	300K	High Wind (G67)
	2359CST				

Strong gradient winds, enhanced by higher gusts associated with scattered rain and snow showers, periodically resulted in wind damage reports across Kenosha county. For much of the afternoon and evening, the sustained winds were in the 40-45 mph at the Kenosha Coast Guard station, where a peak gust of 77 mph was clocked at 1600 CST. A gust of 76 was noted at the Kenosha airport at about 1650 CST. Throughout the county, hundreds of trees were toppled, and many powerlines were blown over. In Somers, the high winds destroyed a pole shed. This shed's roof debris then hit a pickup truck, injuring the driver who was hospitalized. Also in Somers, around 1900 CST, the high winds tipped over a 12000 bushel silo. A pole barn in Paris was shredded by the high winds. At 1655 CST on the I-94 frontage road, a construction trailer was rolled over by the high winds. A security guard inside the trailer was seriously injured and hospitalized.



National Weather Service

Storm Data and Unusual Weather Phenomena



April 1997

Location	Date	Time	Path	Path	Number of		Estimated		Character of Storm
		Local/ Standard	Length (Miles)	Width (Yards)	Killed	Injured	Property	Crops	

WISCONSIN, Southeast

WIZ051-057>059-
063>065-069>070

Fond Du Lac - Columbia - Dodge - Washington - Dane - Jefferson - Waukesha - Rock - Walworth

11	1600CST	0	0	Winter Storm
12	1600CST			

A spring winter storm deposited heavy, wet snow in a narrow region from around Janesville (Rock co.) northeast to near Fond du Lac (Fond du Lac co.). The storm consisted of two round of snow, with a break during the 0400 to 0800 CST timeframe. Some of the snow melted as it fell. Southeast winds gusting to around 30 mph helped lower visibilities to below 100 yards in open areas around midday on the 12th... resulting in numerous vehicle accidents. Thunder was also reported at several locations, with the convective snow resulting in snowfall rates of 2 inches per hour at the height of the storm. Maximum storm accumulations reached 16.5 inches at Juneau (Dodge co.), 12 inches in Lake Mills and Ft. Atkinson (Jefferson co.), 11 inches in Milton (Rock co.), 10 to 11 inches in extreme eastern Dane county, and 8 to 9 inches in extreme southern Fond du Lac county, northwest Washington county, northwest Waukesha county, northwest Walworth county, and southeast Columbia county.

Sheboygan County
Sheboygan

30	1815CST	0	0	10K	Thunderstorm Wind
----	---------	---	---	-----	-------------------

Strong thunderstorm winds toppled several large trees in the city of Sheboygan. One tree fell on a home's garage and parked car, resulting in several thousands in damage. The home's electrical lines were also pulled down.